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sliding rod 34 moved to slide in a respective sliding way 35 on either base frame 21 or 28.

FIG. 4 shows the detachable folding keyboard device assembled. When assembled, the left keyboard 11 and the right keyboard 12 can be moved apart, as shown in FIG. 5. When the left and right keyboards 11;12 are moved apart, the stub rods 231 of the slide bars 23 are respectively stopped against the respective projecting stop strips 222, and therefore the left and right base frames 21;28 do not disconnect from each other. When the left and right keyboards 11;12 are detached, they can be spread out like a fan (see FIG. 6) by moving the pivot pin 271 from one end of the curved slot 261 to an opposite end thereof. Because the first and third connecting plates 24;26 are respectively hinged to the slide bars 23 on the left base frame 21 and the second and fourth connecting plates 25;27 are respectively hinged to the slide bars 23 on the right base frame 28, the left keyboard 11 and the right keyboard 12 can be folded up and covered over each other (see FIGS. 7, 8, and 9). When the left keyboard 11 and the right keyboard 12 are folded up, the upright rods 13 on the left keyboard 11 are respectively stopped against the upright rods 14 on the right keyboard 12, and the left and right cover plates 31;32 are moved from the respective horizontal positions to the respective vertical position and covered over the left and right keyboards 11;12 at one lateral side.

As indicated, the present invention provides a detachable folding keyboard device which consists of two opposite parts that can be set apart and turned to change the angle relative to each other and that can be folded up when not in use.

While only one embodiment of the present invention has been shown and described, it will be understood that various modifications and changes could be made without departing from the spirit and scope of the invention.

What is claimed is:

1. A detachable folding keyboard device comprising a base frame unit having a left base frame and a right base frame, a keyboard unit having a left keyboard and a right keyboard respectively supported on said left and right base frames, a first connecting device and a second connecting

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device respectively connected between said left base frame and said right base frame for permitting said left base frame and said right base frame to be moved toward or apart from each other and swung on the same plane relative to each other to change the positions of said left keyboard and said right keyboard relative to each other, or folded up to collapse the keyboard device, wherein said first connecting device comprises a first slide bar made to slide in a first sliding groove on said left base frame at one side, a second slide bar made to slide in a second sliding groove on said right base frame at one side, a first connecting plate having one end hinged to said first slide bar and an opposite end made with a pivot hole, and a second connecting plate having one end made with a pivot pin inserted into the pivot hole on said first connecting plate and an opposite end hinged to said second slide bar; said second connecting device comprises a third slide bar made to slide in a third sliding groove being disposed on said left base frame at a second side in parallel with said first sliding groove, a fourth slide bar made to slide in a fourth sliding groove being disposed on said right base frame at a second side in parallel with said second sliding groove, a third connecting plate having one end hinged to said third slide bar and an opposite end made with an elongated, curved slot, and a fourth connecting plate having one end made with a pivot pin inserted into the curved slot on said third connecting plate and an opposite end hinged to said fourth slide bar.

2. The detachable folding keyboard device of claim 1 further comprising a left cover plate and a right cover plate respectively connected to said left base frame and said right base frame at a bottom at an inner side, each said cover plate comprising two upward bearing walls at opposite ends engaging a sliding rod moved to slide in a slide way on each said base frame.

3. The detachable folding keyboard device of claim 1 wherein said left keyboard and right keyboard have respective upright rods at respective outer corners, the upright rods on said left keyboard being respectively stopped against the upright rods on said right keyboard when the keyboard device is folded up.

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